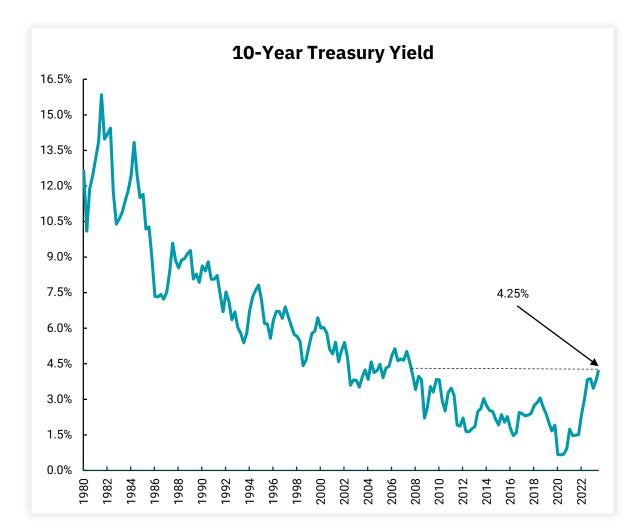
INVESTMENT MANAGEMENT

Weekly market update

Chart of the week (Aug. 25, 2023)





The resilience of the U.S. economy has been impressive. Even as the Federal Reserve raises rates aggressively, economic growth remains positive, and unemployment remains low. In recent weeks, however, this resilience has led to concerns about the future of Fed monetary policy. Specifically, may the Fed have to raise rates further than currently expected?

We have noted the increase in longer-term inflation expectations, and this week's chart shows the impact on the 10-year Treasury note. This chart spans over 40 years, and it is increasingly clear the long downwardsloping path of rates since 1981 is being reversed. In fact, the 10-year note is now at levels not seen since before the financial crisis. Rates tied to the 10-year, like 30-year mortgage rates, have spiked higher, too.

Only a couple of months ago, the bond market thought the Fed would be ready to begin cutting rates in the fourth quarter of 2023. After all, inflation was, and still is, coming down, and it appeared economic weakness was in the offing. So, what has changed? First and foremost, the U.S. consumer continues to be supported by a strong job market and higher wages have increased personal incomes despite being blunted by inflation. For a while, gasoline prices were falling, leading to a fairly rapid decrease in headline inflation measures.

Recent measures of economic activity indicate the domestic economy could even be accelerating a bit, as retail sales were higher than anticipated. Spending data indicates that some of the consumer strength could be from increased credit card use. Still, it is clear the increase in rates to date is not having the negative economic impact that many expected.

In this environment, the Fed is being forced to consider how restrictive rates really are. After a long period of low inflation where small increases in rates led to quick slowdowns in economic activity, are we now in a new period where the levels of monetary, especially fiscal, accommodation are still working their way through the economy? The Fed has repeatedly stated a concern about easing monetary policy too soon. Yet, the bond market might very well be telling the Fed they may need to consider a higher terminal rate, or at the very least, the idea of rate cuts is now being pushed further into the future. As we move forward, we can expect these higher rates to be a headwind for stocks.

INVESTMENT MANAGEMENT

Weekly market update

Commentary (Aug. 25, 2023)



Domestic Equities

- Some U.S. indices, particularly the tech-heavy Nasdaq Composite, broke the loosing streak they had been in all month with gains this week.
- Market indices increased through Wednesday in anticipation of Nvidia's earnings report aftermarket Wednesday. It did not disappoint. Surging demand has allowed the company to raise prices significantly, resulting in gross profit margins over 70%, nearly double what they were a year ago. Investors are taking the report as confirmation of the legitimacy around the AI theme.
- After months of strong gains the market rally stalled out this month as investors assess if valuations have become too stretched in a high interest rate environment with no relief in sight. Stocks were mixed after Fed Chair Powell's speech on Friday, first declining on the hawkish tone, then rising into the close of the week.

Bonds

- U.S. Treasury yields initially dropped, led by strength at the long-end, on softer U.S. and European PMI data. However, yields rebounded into the end of the week, driven by stronger-than-expected U.S. employment data and comments made by Fed Chair Jerome Powell.
- At the Jackson Hole Symposium on Friday, Fed Chair Powell confirmed that the central bank is prepared to raise rates further if needed and that it plans to keep borrowing costs high until inflation is on a convincing path toward the Fed's 2% target. Powell's comments were taken as slightly more hawkish than expected, with the probability of a 0.25% hike in November rising above 40% as indicated by the Fed Fund futures curve.
- Turkey's central bank surprised international markets by hiking the one-week repo rate from 17.5% to 25%, leading to a large jump in the Turkish lira against the U.S. dollar.

International Equities

- Global investors continued to digest corporate earnings and assess new economic data that could shape the trajectory of global monetary policies.
- Developed markets clawed back some of last week's losses as most markets across Europe rebounded. Eurozone business activity declined more than expected in August. This continuing weakness bolsters the expectation that the European Central Bank could pause its campaign of interest-rate increases next month.
- Emerging markets moved higher this week following three consecutive weeks of losses. Markets across Asian and Latin American markets performed well. Headline inflation in Mexico slowed in early August to 4.67%, reaching its lowest level since March 2021. Market consensus still believes that Mexico's central bank will hold policy rates steady at 11.25% in the near term.

Economics

- The U.S. Census Bureau reported housing starts in July increased 3.9%, above the revised June estimate. However, housing completions were down 11.8% compared to June.
- The Census Bureau also reported seasonally adjusted durable goods orders declined 5.2% in July, reversing four consecutive monthly increases. The monthly decrease was due to lower new orders of transportation goods.
- Initial claims for unemployment insurance for the week ending August 19 were 230,000, a decline of 10,000 from the prior week and below the four-week average of 236,750.
- The Job Openings and Labor Turnover Survey (JOLTS) report is released on Tuesday. Consumer spending and personal income is released on Thursday. On Friday, the August jobs report will be released.



For Week Ending August 25, 2023

Weekly Market Update

	Last Price		Change From	Change From	Equity Sty	/le						Economic Data
Capital Markets Dow Jones Industrial Avg	Last Price		Guange From									
		Prior Week	Year End	Year Ago	5200 ¬	-	0 D 500					
				. ca. / igo		S	&P 500					Inflation
	34,346.90	-0.4%	5.1%	5.4%	4700 -					~	n.	CPI Headline Inflat
S&P 500 Index	4,405,71	0.8%	16.0%	6.7%	4200					~~~	~~~~	CPI Core Inflation
NASDAQ	13,590.65	2.3%	30.6%	8.5%	4200	1	~~~~	m	have a second	V-		Personal Consump
S&P 400 Midcap Index	2,579.20	0.0%	7.3%	1.9%	3700 -	J.M	Correll	· · · ·				
S&P 600 Smallcap Index	1,196.69	-0.4%	4.6%	-3.8%	0.00							Jobs
MSCI EAFE	7,101.21	-0.2%	7.9%	11.3%	3200 -							Unemployment Rat
MSCI Emerging Markets	503.35	0.7%	3.6%	-0.6%								Broader Unemploy
Bloomberg US Agg	2,057.23	0.3%	0.4%	-3.0%	2700 -							JOLT Survey (in mi
Bloomberg Municipal 5 Yr	471.29	-0.2%	0.6%	0.5%	2200							Jobless Claims (00
Bloomberg US Corporate	3,019.18	0.6%	1.7%	-1.4%	Aug-22	2 Oct-22	Dec-22	Feb-23	Apr-23	Jun-23	Aug-23	Change in Non-Fai
Bloomberg Glb Agg ex US Hdg	539.80	0.4%	3.5%	0.6%	Aug-22	2 001-22	Dec-22	160-23	Api-23	Juli-23	Aug-25	Average Hourly Ea
Bloomberg High Yield	2,320.00	0.4%	6.1%	4.2%								/werage nouny Ea
MSCI US REIT Index	1,964.72	0.7%	2.6%	-10.5%		1 Month*				Year to Da	te*	Consumer & Sper
Bloomberg Commodity Index	237.62	1.3%	-3.4%	-11.0%	Value	e Core	Growth		Valu	e Core	Growth	Consumer Confide
Bieeniberg commenty maex	201.02	11070	0.170	111070								Consumer Spendin
	Last Price/Yield	Prior Week	Year End	Year Ago	- 4.2 1	-3.39	-2.69	> 10%	Large	0 15.98	20.82	Consumer Credit (S
Key Rates					Ľ				<u>ت</u>			Retail Sales (\$ Bil)
Fed Funds Target	5.50%	5.50%	4.50%	2.50%	75				77			
3-Month Treasury	5.46%	5.43%	4.34%	2.78%	[₽] ₩ -5.85	-4.84	-4.15	0% - 10%	PIN 4.70	7.26	9.64	Housing
1-Year Treasury	5.44%	5.34%	4.69%	3.30%	-				~			Housing Starts (00
2-Year Treasury	5.08%	4.94%	4.43%	3.37%	=				=			Case-Shiller Home
5-Year Treasury	4.44%	4.39%	4.00%	3.15%	Suall Suall	-5.13	-4.44	<0%	Small 3.14	4.56	5.88	
7-Year Treasury	4.36%	4.34%	3.97%	3.11%					S			U.S. Productivity
10-Year Treasury	4.24%	4.25%	3.87%	3.03%	*S&P India	ces	-	_				Real Gross Domes
30-Year Treasury	4.28%	4.38%	3.96%	3.24%								Quarter over Quart
					Fixed Inco	ome Style						Year Over Year Ch
Consumer Rates					0.00/							ISM Manufacturing
30-Year Mortgage	7.61%	7.55%	6.66%	5.83%	6.0%			Yield Curve				Capacity Utilization
Prime Rate	9.25%	9.25%	8.25%	6.25%	5.00/		_					Markit US Compos
SOFR	5.30%	5.30%	4.77%	2.28%	5.0% -			_				
					4.00/							U.S. General
Commodities					4.0% -							Leading Economic
Gold	1,914.96	1,889.31	1,824.02	1,758.71	3.0% -	_						Trade Weighted Do
Crude Oil (WTI)	79.83	80.66	80.26	83.04	3.0%							EUR / USD
Gasoline	3.82	3.87	3.21	3.87	2.0% -				rrent			JPY/USD
Natural Gas	2.54	2.55	4.48	5.72	2.0% -							CAD / USD
Copper	3.78	3.74	3.81	3.68	1.0% -			— 1 Y	'ear Ago			AUD / USD
Copper	0.10	0.111	0.01	0.00	1.0% -							1007000
					0.0%							
	P/E	P/E	Price to	Current Div		3 Mo	2 Yr	5 Yr	7 Yr	10 Yr	30 Yr	S&P 500 Sector F
	Forward	Trailing	Book	Yield								
Index Characteristics						1 Month*			<u>o</u> i	Year to Da		Communication Se
Dow Jones Industrial Avg	18.61	19.75	4.45	2.08	Short	Interm.	Long		Shor	t Interm.	Long	Information Techno
S&P 500	19.89	20.05	4.17	1.61	5				5			Consumer Discretion
S&P 500 Value	17.36	17.65	2.76	2.11	0.12	-0.60	-5.10	> 10%	1.35	5 0.60	-2.75	Industrials
S&P 500 Growth	22.64	22.32	7.15	1.22					5			Materials
NASDAQ	28.64	32.97	5.27	0.84	م				م			Energy
S&P Midcap 400	15.34	14.05	2.20	2.08	80.0 Con	-1.74	-3.48	0% - 10%	dio 1.99	9 1.92	1.18	Real Estate
S&P Smallcap 600	15.50	13.27	1.69	1.85								Financials
MSCI EAFE	12.99	12.78	1.67	3.39								Consumer Staples
MSCI Emerging Markets	13.22	13.58	1.54	2.99	★ 0.47	-0.36	-1.41	<0%	÷ 6.82	2 6.18	4.42	Health Care
moor Emerging marketo					-							
Moor Energing Markets					*Bloombe							Utilities

	Last Release	Year Ago
Inflation		
CPI Headline Inflation	3.2%	8.5%
CPI Core Inflation	4.7%	5.9%
Personal Consumption Exp (PCE) Core	4.1%	5.0%
Jobs		
Unemployment Rate (U3)	3.5%	3.5%
Broader Unemployment Rate (U6)	6.7%	6.8%
JOLT Survey (in millions)	9.58	10.96
Jobless Claims (000's)	230	208
Change in Non-Farm Payroll (000's)	187	568
Average Hourly Earnings (Y/Y % Change)	4.4%	5.4%
Consumer & Spending		
Consumer Confidence (Conf Board)	117.0	95.3
Consumer Spending (\$ Bil)	18,383	17,437
Consumer Credit (\$ Bil)	4,997	4,726
Retail Sales (\$ Bil)	696	675
Housing		
Housing Starts (000's)	1,452	1,371
Case-Shiller Home Price Index	305.15	306.55
U.S. Productivity		
Real Gross Domestic Product (\$ Bil)	20,404	19,895
Quarter over Quarter Change	2.4%	-0.6%
Year Over Year Change	2.6%	1.8%
ISM Manufacturing	46.40	52.70
Capacity Utilization	79.30	80.73
Markit US Composite PMI	50.40	44.60
U.S. General		
Leading Economic Indicators	105.8	114.4
Trade Weighted Dollar Index	120.9	122.3
EUR / USD	1.08	1.00
JPY / USD	146.44	136.49
CAD / USD	0.74	0.77
AUD / USD	0.64	0.70
S&P 500 Sector Returns		
	1 Month	YTD
Communication Services	1.40%	39.54%

		1 Month	110
	Communication Services	1.40%	39.54%
ng	Information Technology	-5.33%	38.83%
	Consumer Discretionary	-3.28%	29.94%
75	Industrials	-2.83%	9.41%
	Materials	-5.48%	5.02%
	Energy	1.63%	1.59%
8	Real Estate	-5.75%	0.39%
	Financials	-3.90%	0.27%
	Consumer Staples	-4.23%	-0.85%
2	Health Care	-1.81%	-0.99%
	Utilities	-7.00%	-8.34%

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